Pioneer

OPEN & SMOOTH™

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http://www.pioneerelectronics.ca

5-1/4"

180W MAX.

# TS-D1320C

## Separate 2-Way／HP 2 Voies Séparées／2 Vías Separadas

- DUAL LAYER IMX™ (INJECTION MOLDED MATRIX) ARAMID / BASALT FIBER COMPOSITE CONE ／ IMX™ (MATRICE MOULÉE PAR INJECTION) DOUBLE COUCHE, CÔNE COMPOSITE EN MATÉRIAU PLASTIQUE À ARAMIDE ET BASALTE
- SOFT DOME TWEETER WITH REAR CHAMBER ／ HP AIGU À DÔME SOUPLE AVEC ENCEINTE ARRIÈRE
- HIGH QUALITY PASSIVE CROSSOVER DESIGN (LPF:—12 dB/oct. , HPF:—12 dB/oct.) ／ CONCEPTION CONVERGENTE PASSIVE HAUTE QUALITE (FPB:—12 dB/oct. , FPH:—12 dB/oct.)

ARAMID FIBER CONE / CONE FIBRE ARAMIDE

INJECTION MOLDED CONE™

# TS-D1320C

## HP 2 Voies Séparées

- PUISSANCE MUSICALE MAXIMUM 180 W
- PUISSANCE NOMINALE 35 W
- HP GRAVE Ø130 mm
- HP AIGU Ø28 mm DÔME
- IMPEDANCE 4 OHMS
- SENSIBILITE 88 dB (±1,5 dB)
- BANDE PASSANTE 35 Hz À 33 kHz (—20 dB)
- POIDS BRUT 2,80 kg

CONE FIBRE ARAMIDE

INJECTION MOLDED CONE™

13 cm

180W MAX.

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PIONEER CORPORATION

# TS-D1320C

## Separate 2-Way

- MAX. MUSIC POWER 180 W
- NOMINAL POWER 35 W
- WOOFER Ø5-1/4"
- TWEETER Ø1-1/8" DOME
- IMPEDANCE 4 OHMS
- SENSITIVITY 88 dB (±1.5 dB)
- FREQUENCY RESPONSE 35 Hz TO 33 kHz (—20 dB)
- GROSS WEIGHT 2.80 kg 6 lb 3 oz

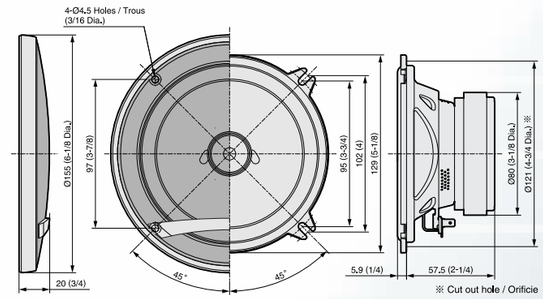
ARAMID FIBER CONE

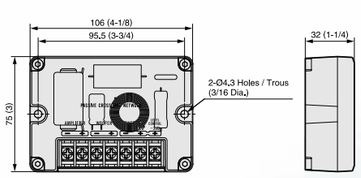
INJECTION MOLDED CONE™

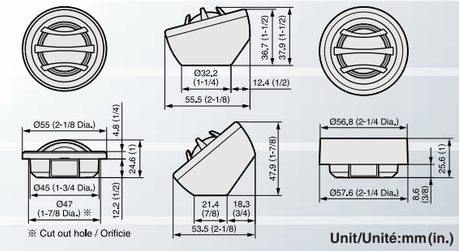
5-1/4"

180W MAX.

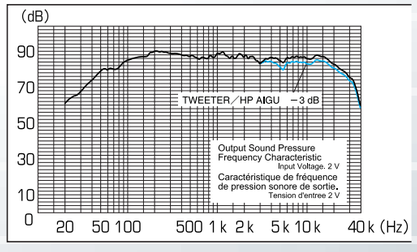
Pioneer



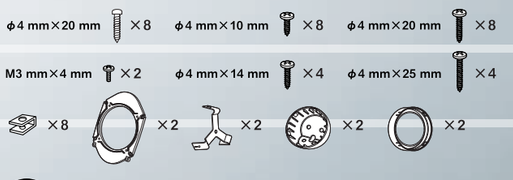




Unit/Unité:mm(in.)




● PARTS INCLUDED
● PIECES COMPRISES




RECYCLED PAPER
PAPIER RECYCLÉ

XCN/UC□
1 PAIR / 1 PAIRE

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http://www.pioneerelectronics.ca

PIONEER CORPORATION

# TS-D1320C

HP 2 Voies Séparées

CONE FIBRE ARAMIDE

INJECTION MOLDED CONE™

13 cm

180W MAX.

0 12562 88168 3

Pioneer

# TS-D1320C

Separate 2-Way

ARAMID FIBER CONE

INJECTION MOLDED CONE™

5-1/4"

180W MAX.

Pioneer

## ⚠ WARNING

*Dear Customer:*

Your purchase of PIONEER equipment is only the beginning of your musical enjoyment. PIONEER and the Consumer Electronics Association want you to get the most out of your equipment by using it at a safe sound level; a level that lets the sound come through clearly without annoying blaring or distortion — and, most importantly, without affecting your sensitive hearing.

Sound can deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Set your equipment at a safe level BEFORE your hearing adapts.

**To establish a safe level :**
- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

**Once you have established a comfortable sound level :**
- Set the dial and leave it there.
- Taking a minute to do this now will help to preserve hearing.

Used wisely, your new sound equipment can provide fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, PIONEER and the Consumer Electronics Association recommend you avoid prolonged exposure to excessive noise. Under constant exposure such as sustained listening, sound levels avove 85 decibels can be dangerous without hearing protection. (For reference, a garbage disposal or loud shouting at 3 feet away are around 80 decibels; a food blender or gas lawn mower at 3 feet away are around 90 decibels.) The longer your exposure and / or higher the sound level, the greater the danger of permanent hearing damage. Also, playing loud music or other sounds in a vehicle can hinder your ability to hear traffic or emergency vehicles. We recommend using low volume levels when driving so you can still hear sounds outside your vehicle. PIONEER disclaims all liability for hearing loss, bodily injury or property damage as a result of use or misuse of this product.

## ●SPECIFICATIONS

| | |
|---|---|
| · Speaker specifications | |
| Woofer | ø 129 mm (5-1/8" Dia.) |
| | Dual layer IMX™ (Injection Molded Matrix) aramid/basalt fiber composite cone |
| | Butyl rubber surround |
| | Heat-resistant voice coil |
| | Strontium Magnet : 290 g (10 oz) |
| Tweeter | ø 28 mm (1-1/8" Dia.) Soft dome |
| | Rear chamber |
| | Magnetic fluid |
| | Neodymium magnet : 11 g (0.4 oz) |
| · Nominal impedance | 4 Ω |
| · Maximum music power | 180 W |
| · Nominal power | 35 W |
| · Crossover frequency | ≧2 800 Hz with –12 dB |
| · Grille material | Steel net, heat-proof resin |
| · Weight (per speaker including accessory parts) | 1,22 kg (2 lb 11 oz) |
| · Gross weight (2 speakers including packaging) | 2,80 kg (6 lb 3 oz) |

## ●CARACTERISTIQUES

| | |
|---|---|
| · Spécifications des haut-parleurs | |
| HP Grave | ø 129 mm |
| | IMX™ (Matrice moulée par injection) double couche, cône composite en matériau plastique à aramide et basalte |
| | Lévre en caoutchouc-butyl |
| | Bobine mobile résistante à la chaleur |
| | Aimant en strontium : 290 g |
| HP Aigu | ø 28 mm Dôme souple |
| | Enceinte arrière |
| | Fluide magnétique |
| | Aimant en néodyme : 11 g |
| · Impédance nominale | 4 Ω |
| · Puissance musicale maximum | 180 W |
| · Puissance nominale | 35 W |
| · Fréquence de transition | ≧2 800 Hz avec –12 dB |
| · Matériau de grille | Grille métallique, résine résistante à la chaleur |
| · Poids (par haut-parleur pièces accessoires comprises) | 1,22 kg |
| · Poids brut (2 haut-parleurs emballage compris) | 2,80 kg |

## ●ESPECIFICACIONES

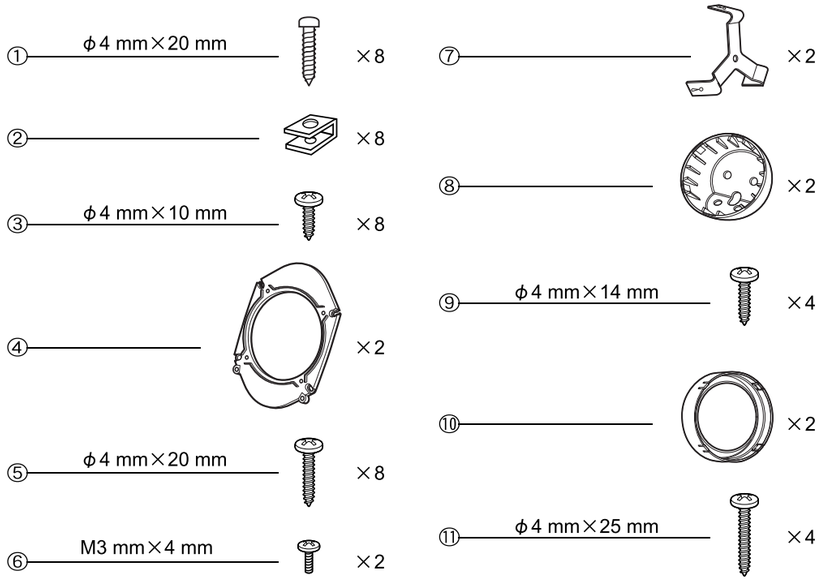
| | |
|---|---|
| · Especificaciones del altavoz | |
| Woofer | ø 129 mm |
| | Cono compuesto de fibra de aramida/basalto de camada doble IMX™ (Matriz Moldeada por Inyección) |
| | Borde de caucho enrollado |
| | Bobina de voz resistente al calor |
| | Imán de estroncio : 290 g |
| Tweeter | ø 28 mm Techo blando |
| | Cámara trasera |
| | Flúido magnético |
| | Imán de neodimio : 11 g |
| · Impedancia nominal | 4 Ω |
| · Máxima potencia de musica | 180 W |
| · Potencia nominal | 35 W |
| · Frecuencia de cruce | ≧2 800 Hz con –12 dB |
| · Material de la rejilla | Malla de acero, resina a prueba de calor |
| · Peso (por altavoz incluyendo accesorios) | 1,22 kg |
| · Peso bruto (2 altavoces incluyendo embalaje) | 2,80 kg |

## ●ESPECIFICAÇÕES

| | |
|---|---|
| · Especificações do alto-falante | |
| Woofer | ø 129 mm |
| | Cone composto de fibra de aramida/basalto de camada dupla IMX™ (Matriz Moldada por Injeção) |
| | Borda de rolo de borracha de butílo |
| | Bobina de voz resistente ao calor |
| | Magneto de estrôncio : 290 g |
| Tweeter | ø 28 mm Domo brando |
| | Câmara traseira |
| | Fluído magnético |
| | Magneto de neodímio : 11 g |
| · Impedância nominal | 4 Ω |
| · Potência máxima de música | 180 W |
| · Potência nominal | 35 W |
| · Freqüência de cruzamento | ≧2 800 Hz com –12 dB |
| · Material da tela | Rede de aço, resina à prova de calor |
| · Peso (por alto-falante incluindo peças acessórias) | 1,22 kg |
| · Peso bruto (2 alto-falantes incluindo empacotamento) | 2,80 kg |

- Do not fail to read the instructions on the flap to the opposite side.
- Ne manquez pas de lire les instructions sur le volet sur le côté opposé.
- Asegúrese de leer las instrucciones sobre la solapa al lado opuesto.
- Não deixe de ler as instruções mencionadas na aba do lado oposto.

## ●PARTS INCLUDED
## ●PIECES COMPRISES
## ●PIEZAS INCLUIDAS
## ●PECAS INCLUIDAS

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- Não deixe de ler as instruções mencionadas na aba do lado oposto.

### ⚠WARNING :

Handling the cord on this product or cords associated with accessories sold with the product will expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defect or other reproductive harm.
***Wash hands after handling.***

### ⚠CAUTION

1. Do not touch the speaker flexible wire Ⓐ.
2. Do not use the speaker independently. To avoid breakage, be sure to use the specified network.
3. Do not change the direction of the speaker terminal assembly Ⓑ.
4. Make sure lead and speaker terminals do not contact metal.
5. When making connections, refer also to the instruction manual of the car stereo used.

### ⚠ATTENTION

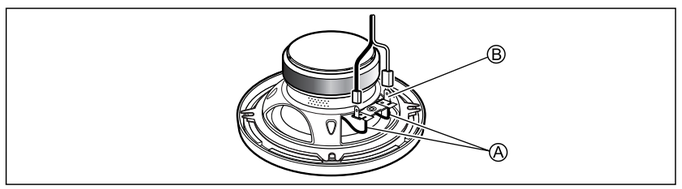
1. Ne jamais toucher le fil flexible de haut-parleur Ⓐ.
2. Ne pas utiliser le haut-parleur indépendamment. Pour éviter des dégâts, veiller à employer le réseau spécifié.
3. Ne pas modifier l'orientation de plaquette de connexions du haut-parleur Ⓑ.
4. S'assurer que les fils et les bornes de haut-parleurs ne touchent pas une pièce métallique.
5. Le branchement s'opère après consultation de la notice d'instructions de l'autoradio qui est utilisé.

### ⚠PRECAUCION

1. No se debe tocar el alambre flexible Ⓐ del altavoz.
2. No utilice el altavoz independientemente. Con el fin de evitar daño, asegúrese de utilizar la red especificada.
3. No cambiar la dirección del ensamblaje de terminal del altavoz Ⓑ.
4. Asegurarse de que los terminales del altavoz y el hilo conductor no están en contecto com el metal.
5. Para hacer la conexión consultar también el manual de instrucciones que se provee para el "reproductor".

### ⚠PRECAUÇÃO

1. Não toque no fio flexível do alto-falante Ⓐ.
2. Não use este alto-falante independentemente. Para evitar defeitos, assegure-se de usar a rede especificada.
3. Não mude a direção de montagem do terminal do alto-falante Ⓑ.
4. Assegure-se de que o fio e os terminals do alto-falantes não entrem èm contacto com metal.
5. Quando da realização das conexões, favor referir-se também ao manual de instruções do estereo de carro que está sendo usado.



# TS-D1320C

**180W MAX.**

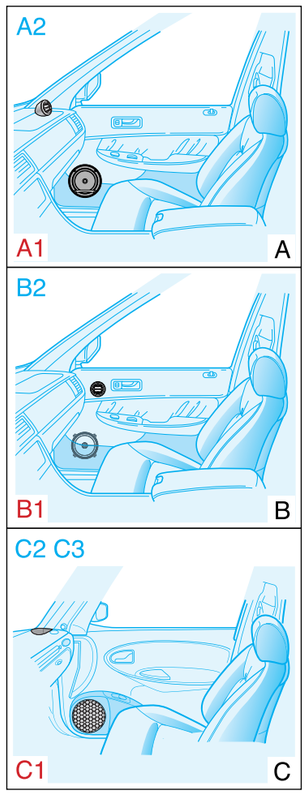
Packaged Component Speaker System
Flush-Mount **5-1/4" (13 cm) WOOFER**
Flush/Surface Mount **1-1/8" (28 mm) SOFT DOME TWEETER**

Ensemble De Haut Parleurs Component
**HP DE GRAVE DE 13 cm** À Montage Encastré
**HP D'AIGU À DÔME SOUPLE DE 28 mm** À Montage Encastré/en Surface

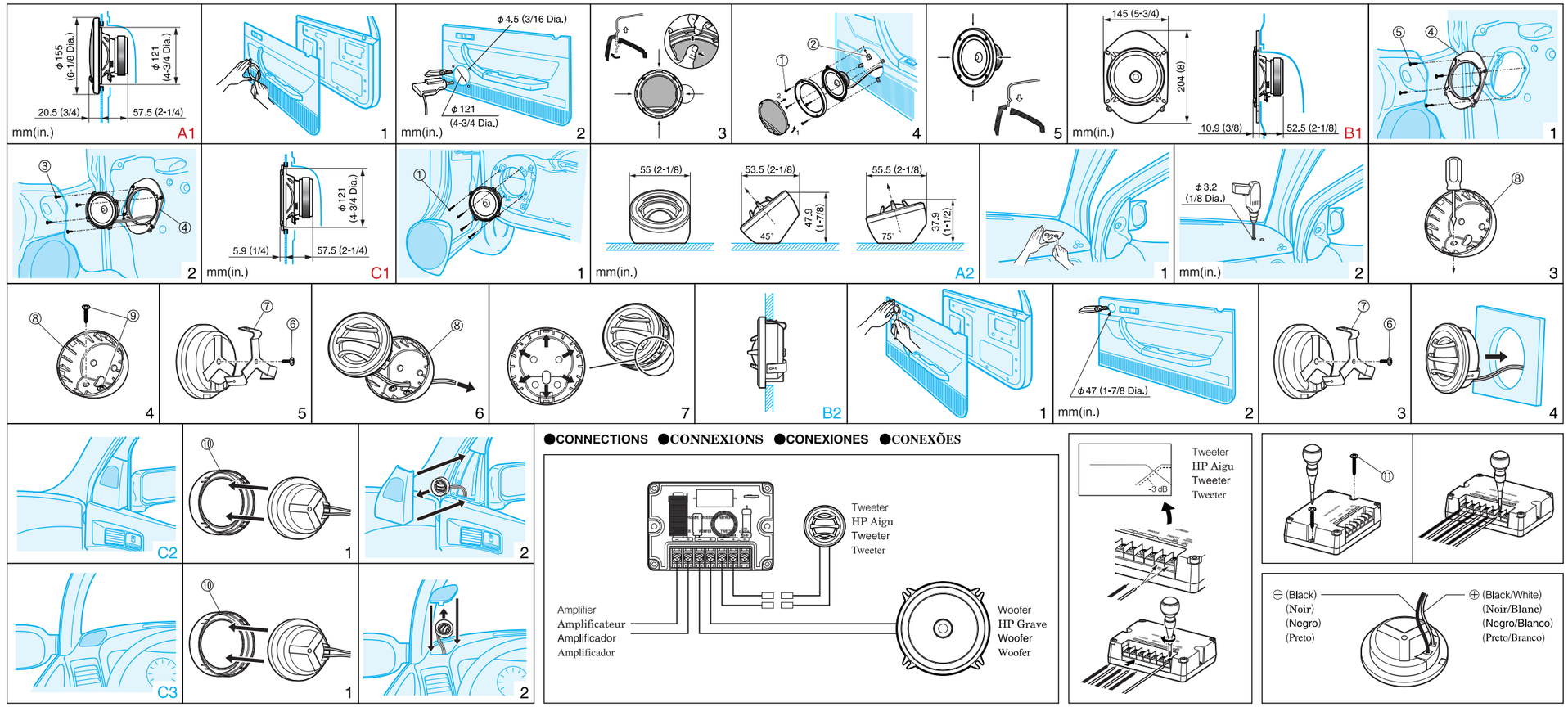
Sistema De Altavoces Componentes Integrado
**ALTAVOZ DE GRAVES DE 13 cm** Para Montaje Mural
Nivelado/Superficie De **28 mm DEL ALTAVOZ DE SONIDOS AGUDOS ABOVEDADO BLANDO**

**Be sure to read this instruction manual before installing this speaker.**
**Prière de lire obligatoirement ce manuel d'installation avant de monter les haut-parleurs.**
**Antes de instalar el altavoz es importante que lea estas instrucciones.**
**Leia este manual de instruções antes de instalar o alto-falante.**

●EXAMPLE OF MOUNTING
●EXEMPLE DE MONTAGE
●EJEMPLO DE MONTAJE
●EXEMPLO DE MONTAGEM




●HOW TO INSTALL ●MODE D'INSTALLATION ●INSTALACION ●COMO INSTALAR




●CONNECTIONS ●CONNEXIONS ●CONEXIONES ●CONEXÕES







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